

| Ref # | Hits | Search Query                                                                                                                                                    | DBs                                         | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|---------|------------------|
| L1    | 117  | dielectric adj ( board substrate layer plate) and coupl\$4 adj3 lines and ground and microwave and combiner                                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/01/13 07:42 |
| L2    | 2    | ("4823097"   "5539362").PN.                                                                                                                                     | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:04 |
| L3    | 2    | ("4150345"   "4482873").PN.                                                                                                                                     | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:05 |
| L4    | 8    | ("4823097").URPN.                                                                                                                                               | USPAT                                       | OR               | ON      | 2005/01/13 07:05 |
| L5    | 5    | ("3506932"   "4150345"   "4607240"   "4823097").PN.                                                                                                             | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:08 |
| L6    | 7    | ("4967171").URPN.                                                                                                                                               | USPAT                                       | OR               | ON      | 2005/01/13 07:08 |
| L7    | 6    | ("3568000"   "4494083"   "4812792"   "4821007"   "4823097"   "4864722").PN.                                                                                     | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:10 |
| L8    | 9    | ("5032803").URPN.                                                                                                                                               | USPAT                                       | OR               | ON      | 2005/01/13 07:10 |
| L9    | 7    | ("2812501"   "4525689"   "4823097"   "4882555"   "4967171"   "5032803").PN.                                                                                     | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:11 |
| L10   | 15   | ("3337820"   "3475700"   "3597706"   "3711834"   "3813497"   "3833866"   "4129838"   "4153888"   "4165497"   "4302734"   "4316159"   "4399439"   "4443773").PN. | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:11 |
| L11   | 6    | ("4525689").URPN.                                                                                                                                               | USPAT                                       | OR               | ON      | 2005/01/13 07:12 |
| L12   | 5    | ("4027254"   "4394630"   "4823097"   "5373266"   "5486798").PN.                                                                                                 | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:14 |
| L13   | 10   | ("3480884"   "3508170"   "3621478"   "3629733"   "3980972"   "4027254"   "4139827"   "4178568").PN.                                                             | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:14 |
| L14   | 10   | ("4394630").URPN.                                                                                                                                               | USPAT                                       | OR               | ON      | 2005/01/13 07:15 |
| L15   | 2    | ("4823097"   "5539362").PN.                                                                                                                                     | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:17 |
| L16   | 7    | ("4216446"   "4485488"   "5025232"   "5416451"   "5497137"   "5644272"   "5742901").PN.                                                                         | US-PGPUB; USPAT; USOCR                      | OR               | ON      | 2005/01/13 07:23 |
| L17   | 4    | ("6150897").URPN.                                                                                                                                               | USPAT                                       | OR               | ON      | 2005/01/13 07:24 |
| L18   | 890  | dielectric adj ( board substrate layer plate) and (main coupl\$4) adj3 lines and ground and "333"/\$.ccls.                                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/01/13 07:44 |

|     |      |                                                                                                                               |                                                         |    |     |                  |
|-----|------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|------------------|
| L19 | 827  | 18 not 1                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/13 07:43 |
| L20 | 666  | 18 not 1                                                                                                                      | USPAT                                                   | OR | ON  | 2005/01/13 07:43 |
| L21 | 92   | dielectric adj ( board substrate layer<br>plate) and (main and coupl\$4) adj3<br>lines and ground and "333"/\$.ccls.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/13 07:58 |
| L22 | 514  | 333/116.ccls.                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/13 07:58 |
| L23 | 485  | 22 not 21                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/13 07:59 |
| L24 | 466  | 22 not (21 1)                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/13 07:59 |
| L25 | 0    | ("5905415").URPN.                                                                                                             | USPAT                                                   | OR | ON  | 2005/01/13 08:04 |
| L26 | 3    | ("4571545"   "5006821"  <br>"5126686").PN.                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/01/13 08:07 |
| L27 | 11   | ("2531438"   "2775740"   "3297967"<br>  "3721912"   "3990150"   "4423392"<br>  "4692721").PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/01/13 08:07 |
| L28 | 20   | ("4423392").URPN.                                                                                                             | USPAT                                                   | OR | ON  | 2005/01/13 08:08 |
| L29 | 13   | ("5363071").URPN.                                                                                                             | USPAT                                                   | OR | ON  | 2005/01/13 08:33 |
| L30 | 738  | 333/238.ccls. not 22                                                                                                          | USPAT                                                   | OR | ON  | 2005/01/13 08:47 |
| L31 | 3    | "5486798" and ground                                                                                                          | USPAT                                                   | OR | ON  | 2005/01/13 08:50 |
| L32 | 2    | ground same (dielectric ceramic)<br>same ( first second) adj ( surface<br>side) same coupl\$ adj2 lines and<br>"333"/\$.ccls. | USPAT                                                   | OR | OFF | 2005/01/13 08:52 |
| L33 | 10   | ground same (dielectric ceramic)<br>same ( first second) adj ( surface<br>side) same coupl\$ adj2 lines                       | USPAT                                                   | OR | ON  | 2005/01/13 08:53 |
| L34 | 399  | ground same (dielectric ceramic)<br>same coupl\$ adj2 lines                                                                   | USPAT                                                   | OR | ON  | 2005/01/13 08:54 |
| L35 | 190  | 34 and "333"/\$.ccls.                                                                                                         | USPAT                                                   | OR | ON  | 2005/01/13 09:00 |
| L36 | 8225 | microstrip                                                                                                                    | USPAT                                                   | OR | ON  | 2005/01/13 09:01 |
| L37 | 746  | microstrip.ti.                                                                                                                | USPAT                                                   | OR | ON  | 2005/01/13 09:02 |
| L38 | 3    | coplanar adj stripline.ti.                                                                                                    | USPAT                                                   | OR | ON  | 2005/01/13 09:03 |
| L39 | 9109 | (combiner coupler divider).ti.                                                                                                | USPAT                                                   | OR | ON  | 2005/01/13 09:03 |
| L40 | 939  | 39 and ( dielectric ceramic)                                                                                                  | USPAT                                                   | OR | ON  | 2005/01/13 09:04 |

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| L41 | 419  | 40 and ground\$                                               | USPAT                                                   | OR | ON | 2005/01/13 09:12 |
| L42 | 209  | 41 and (microstrip stripline coplanar)                        | USPAT                                                   | OR | ON | 2005/01/13 09:05 |
| L43 | 65   | 42 and coplanar                                               | USPAT                                                   | OR | ON | 2005/01/13 09:05 |
| L44 | 65   | 41 and ( coplanar)                                            | USPAT                                                   | OR | ON | 2005/01/13 09:05 |
| L50 | 3989 | 39 and (coplanar adj3 microstrip stripline line)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/13 09:13 |
| L51 | 1029 | 50 and ground\$                                               | USPAT                                                   | OR | ON | 2005/01/13 09:12 |
| L52 | 248  | 51 and (coplanar adj3 microstrip stripline line) near5 ground | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/13 09:13 |